DOCKET NO.: THOM-0009 PATENT

Application No.: 09/589,579

Office Action Dated: October 22, 2002

REMARKS

Reconsideration and allowance of the above-captioned patent application is respectfully requested in view of the above amendment and following remarks. Claims 14, 16, 21, 25, 26, and 29 have been amended. Claims 1-13, 15, 18-20, 22, 23, 27, and 28 have been canceled and claim 30 added. No new matter has been added. Upon entry of the present amendment, claims 14, 16, 17, 21, 24-26, 29, and 30 will be pending.

As requested in the Office Action, a copy of the abstract is attached to this reply on a separate sheet, apart from any other text. The abstract of the disclosure was presented in Applicant's preliminary amendment filed at the time of the application.

In view of Applicant's amendment, Applicant believes that the 35 U.S.C. § 112 rejections are moot, except for the rejections of claims 26 and 29. Claim 26 stands rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite for failing to specify "when" the composition is combustible. The term combustible refers to a composition that is capable of combustion. In other words, combustion does not have to occur for a composition to be combustible. Accordingly, claim 26 does not need to define when the combustion occurs simply because it uses the word "combustible" in defining the composition used in the claimed method.

Claim 29 stands rejected under 35 U.S.C. § 112, second paragraph, as allegedly being indefinite for lacking antecedent support "in claim 31 for feeding the composition in the injection line." Claim 29 depends from claims 25 and 21, not 31. Claim 29 has been amended to clarify that claim 29 introduces "an injection system" and does not rely on other claims for antecedent basis.

Thus, the pending claims comply with the requirements of 35 U.S.C. § 112. Applicant respectfully requests that the rejections be withdrawn.

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I. The Claimed Inventions are Novel

Applicant will address the 35 U.S.C. § 102 rejections dependent upon U.S. Pat. No. 6,123,742 (the "Smith patent"). Although Applicant does not necessarily concur with the remaining rejections under 35 U.S.C. § 102, Applicant has canceled or amended the claims to employ alternative language and thereby, moot the rejections. Applicant believes these remaining rejections are clearly not applicable to the pending claims.

Claims 1-11, 13-26, and 28-29 stand rejected under 35 U.S.C. § 102(a) as allegedly being anticipated by the Smith patent. As a preliminary matter, Applicant does not agree that the Smith patent is available as prior art under 35 U.S.C. § 102(a) and specifically reserves this position.

Applicant believes that this rejection is clearly not applicable to, for example, claim 14, as the Smith patent does not disclose or suggest the claimed composition. Further, this rejection is clearly not applicable to claim 21 because the Smith patent does not disclose or suggest the claimed method. The remaining pending claims that stand rejected depend from claim 14 or 21.

The Smith patent discloses a fuel additive that allegedly improves the operation of an engine and reduces pollutants. Significantly, the Smith patent does not disclose or suggest that xylene can be present in the composition in a percentage range of 35-65%, as recited in claim 14. The xylene amount in the fuel additive of the Smith patent is in a percentage range of 2-4%, far below the amount recited in Applicant's claimed invention. Accordingly, Applicant respectfully requests that the rejection of claims 14, 16, and 17 under 35 U.S.C. § 102(a) be withdrawn because the Smith patent does not disclose or suggest a composition comprising "35-65 wt% xylene" as recited in Applicant's claims.

Further, the Smith patent does not disclose or suggest "disconnecting the vehicle's fuel line from the engine" as recited in claim 21. The Smith patent merely discloses a fuel additive to be "added to an internal combustion engine fuel" (Abstract, lines 5-6). The additive is added to the fuel already present. In Applicant's claimed inventions, the rejuvenating or cleaning composition is introduced to the engine separately and is not just mixed with the fuel in the fuel tank. Accordingly, Applicant respectfully requests that the rejection of claims 21, 24-26, and 29 under 35 U.S.C. § 102(a) be withdrawn because the

DOCKET NO.: THOM-0009 **Application No.:** 09/589,579

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PATENT

Smith patent does not disclose or suggest a method that includes "disconnecting the vehicle's fuel line from the engine" as recited in Applicant's claims.

II. Conclusion

In view of the foregoing, Applicant respectfully submits that the claims are in condition for allowance. An early notice of the same is earnestly solicited. The Examiner is invited to contact Applicant's undersigned representative at (215) 557-5963 if there are any questions regarding Applicant's claimed inventions.

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